

RTD Calibrator / Indicator **DC80R**

Technical description

Characteristic

- measures and simulates SEVEN types of RTDs: Pt10, Pt50, Pt100 (385), Pt100 (392), Pt200, Pt500 and Pt1000
- generates and measures resistance values from 0 Ω to 3200 Ω
- accuracy of ± 0.2 $^{\circ}\text{C}$ for temperature
- accuracy of 0.1 Ω for resistance
- temperature resolution: 0.1 $^{\circ}\text{C}$
- resistance resolution: 0.1 Ω
- maximum allowed voltage between terminals or terminals and ground: 30 V
- temperature unit selection from $^{\circ}\text{C}$ and $^{\circ}\text{F}$
- low battery indication
- operating temperature: 0 $^{\circ}\text{C}$ ~ 50 $^{\circ}\text{C}$
- storage temperature: -40 $^{\circ}\text{C}$ ~ 60 $^{\circ}\text{C}$
- temperature effect on measurement/simulation: 0.01 % / $^{\circ}\text{C}$ from 0 $^{\circ}\text{C}$ ~ 18 $^{\circ}\text{C}$ and 28 $^{\circ}\text{C}$ ~ 50 $^{\circ}\text{C}$
- operating relative humidity: 95 % up to 30 $^{\circ}\text{C}$, 75 % up to 40 $^{\circ}\text{C}$ e 45% up to 50 $^{\circ}\text{C}$
- operating altitude: 3000 meters
- power: 6 type AAAbatteries 1.5 V
- dimensions: 205 x 98 x 46 mm
- weight: 475 g with batteries included
- accessories included:
 - 6 size AAA batteries,
 - one pair of test lead extension,
 - one pair of stackable cable extension,
 - one pair of heavy duty alligator clips,
 - operation manual
 - case

